P10/SB/06 (08-03)
Approved for use through 7/31/2006, OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DATENT ADDITION FOR DETERMINATION DESCRIPTION

	РАТ	Approximation or Docket Number 9/196574									
		CLAIMS AS	FILED -	- PART I		SMALL E	NTITY	OR		R THAN ENTITY	
FOR NUMBER FILED NUMBER EXTRA							RATE.	FEE		RATE	FEE
BASIC FEE (37 CFR 1.16(a))							\$	OR		s	
TOTAL CLAIMS (37 CFR 1.16(c)) minus 20 =						v 6 -	<u> </u>			3	
INDEPENDENT CLAIMS				x \$=		OR	X S =				
(37 CFR 1.16(b)) minus 3 = 1						X S=		OR	x s =	<u> </u>	
MUL	TIPLE DEPENDE	NT CLAIM PRESEN	T (3	37 CFR 1.16(d))		+ 5=		OR	+ 5=		
· a v	ne difference in c	column 1 is less tha	ın Zerc, er	nter "U" in column :		JATOT		OK	IOTAL	L	
1		LAMAS AS AM	S O C	~ ;	(2.1 2)				OR	OTHE	R THAN
<u>~`</u>	-14-05	(Column 1)	100	(Column 2)	(Column 3)	1	SMALL E	NTITY	1	SMALL	ENTITY
AMENDMENT A		REMAINING AFTER AMENDMENT		NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	Total (37 CFR 1.16(c))	17	Minus	20			x s =		OR	x s=	
ĒN	Independent (37 CFR 1.16(b))	. 8	Minus	8	"		x s =		OR	x s=	
ΑV	FIRST PRESENT	FATION OF MULTIPLE	E DEPEND	ENT CLAIM (37 CF	1	+s =		OR	+ 5 =		
				•	TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE			
		(Column 1)		(Column 2)							
NT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
OME	Total (37 CFR 1.16(c))	·	Minus	••	=		x \$=		OR	x	
AMENDMENT	Independent (37 CFR 1.16(b))	•	Minus	•••	=	1	x s =		OR	x \$ =	·
ΑM	FIRST PRESEN	TATION OF MULTIPL	1	+5 =		OR	+s =				
		· · · · · · · · · · · · · · · · ·				1	TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
		(Column 1)		(Column 2)	(Column 3)			\ <u>-</u>	-		
NTC		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MENDMEN	Total (37 CFR 1.16(c))	•	Minus	••	=		x s=		OR	x s=	
ENC	Independent (37 CFR 1,16(b))	•	Minus	1	=	1	x s =		OR	x s =	1
AM	FIRST PRESEN	TATION OF MULTIPL	E DEPENO	DENT CLAIM (37 CI	1	+\$ =		OR	+ \$ =	†	
_					<u> </u>	1	TOTAL	 	1	TOTAL	╁──
	If the entry in	column 1 is less tha	an the ent	ry in column 2, wri	te "0" in column	ı 3.	ADD'L FEE	L	OR	ADD'L FEE	
l	"" If the "Highest	Number Previousl	y Paid For y Paid For	' IN THIS SPACE ' IN THIS SPACE	is less than 20 is less than 3, o	, er ent	er "3".	. Ab			

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petern and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/06 (08-03)
Approved for use through 7/31/2006, OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

	PATE	Application or Dorsel Number 09/196574								
		CLAIMS AS	FILED	PART I	SMALL	SMALL ENTITY			R THAN ENTITY	
	FOR	NUMBI	ER FILED	1	R EXTRA		T	1		
BASIC FEE				- CANA	RATE	FEE	-	RATE	FEE	
(37 CFR 1.16(a)) TOTAL CLAIMS							S	OR	<u></u>	S
(37 CFR 1.16(c)) minus 20 = ' INDEPENDENT CLAIMS						x s =		OR	x s =	
(37 CFR 1.16(b)) minus 3 =				x s=		OR	x s =			
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(dj))						+ 5=		OR	+ 5=	
if the difference in column 1 is less than zero, enter "0" in column 2.							i	j Ok	TOTAL	
	CL	AIMS AS AM	ENDED -	- PART II						
G	· ·	(Column 1)		(Column 2)	(Column 3)	SMALL	ENTITY	OR		R THAN ENTITY
AMENDMENT A	,	CLAIMS • REMAINING • AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	Total (37 CFR 1.16(c))	16	Minus	" 20	=	x s =		OR	x s =	
	Independent (37 CFR 1,16(b))	3	Minus	<u>.</u> 3	=	x s =		OR	x s=	
F	FIRST PRESENTA	ATION OF MULTIPL	E DEPENDE	NT CLAIM (37 CF	+\$ =		OR	+ \$ =		
и 7-13-04						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
LH.	1-13	(Column 1)		(Column 2)	(Column 3)					
AMENDMENT B	·	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
M	Total (37 CFR 1,16(c))	17	Minus	"20	=	X \$ =		OR	; ; ; X \$ =	
N N	Independent (37 CFR 1.16(b))	. <u>ķ</u>	Minus	" 3	† 5	; xs =		OR	x \$ 36. =	430
₹	FIRST PRESENTA	ATION OF MULTIPL	E DEPENDE	NT CLAIM (37 CF	+5 =		OR	+s =	1.501	
			-			TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
1.	20-05	(Column 1)		(Column 2)	(Column 3)] 011	ADDETEE	
NTC		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	Total (37 CFR 1,16(c))	17	Minus	" 20	\	× \$ =		OR	x s =	
AMENDMEN	Independent (37 CFR 1,16(b))	. 8	Minus	T	=	x s=	1	OR	x s =	
¥	FIRST PRESENTA	ATION OF MULTIPL	E DEPENDE	NT CLAIM (37 CF	+s =		OR	+ s =		
						TOTAL ADD'L FEE	 	OR	TOTAL ADD'L FEE	
l '	 If the entry in co If the "Highest N" If the "Highest N" 	lumber Previoust	y Paid For	IN THIS SPACE	is less than 20,	enter "20".		_		

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

1.1.1.

Effective October 1, 2001												
		SM	ALL EN		OR	OTHER						
то	TAL CLAIMS	. •					F	RATE	FEE		RATE	FEE
FOR			NUMBER F	FILED NUMBER EXTRA			ВА	SIC FEE	370.00	OR	BASIC FEE	740.00
то	TAL CHARGEA	BLE CLAIMS	minu	us 20= *				X\$ 9=		OR	X\$18=	
IND	EPENDENT CL	AIMS	min	us 3 =	3 = *			X42=			X84=	
MU	LTIPLE DEPEN	IDENT CLAIM PI	RESENT		.		1 ~~-			OR		
* 1f	the difference	in column 1 is:	loca than zor	o onto	r "0" in c	olumn 2	ᆫ	140=		OR	+280=	
- 11					٠.	JIUIIII 2 :	Т	OTAL		OR		
0	C	(Column 1)	MENDED			(Column 3)	S	MALL E	ENTITY	OR	OTHER SMALL	
1		CLAIMS		HIGH	HEST		Г	ADDI-				ADDI-
		AND THE CONTRACT OF THE CONTRA				PRESENT EXTRA	1	RATE	TIONAL FEE		RATE	TIONAL FEE
AMENDMENT	Total	. 16	Minus	** 6	20	=]] :	X\$ _. 9=		OR	X\$18=	
AME	Independent	1.3	Minus	***	3	= -		X42=		OR	X84=	
	FIRST PRESE	NTATION OF M	ULTIPLE DEP	ENDEN	T CLAIM] -	140=		OR	+280=	
		•	State And St				· -	TOTAL		OR	TOTAL	
E		10.1		(C-I	0)	(Caluma D)		DIT. FEE	<u> </u>		ADDIT. FEE	
7	W. W. W. W. W.	(Column 1)	NAME OF		mn 2) Hest	(Column 3)	1 -		ADDI-	1	1.40	ADDI-
NT &		REMAINING AFTER AMENDMENT		PREV	MBER NOUSLY DEOR	PRESENT EXTRA		RATE	TIONAL		RATE	TIONAL
AMENDMENT	Total	. 16	Minus	**	20	=		X\$ 9=		OR	X\$18≐	
ME	Independent	. 3	Minus	***	3	= -		X42=		OR	X84=	
Ľ	FIRST PRESE	NTATION OF M	ULTIPLE DEF	ENDEN	IT CLAIM		┛┝			1		
			•			•	Ŀ	+140=		OR	+280=	
_		•		0 1)			AD	TOTAL DIT. FEE	L	OR	ADDIT. FEE	
ブ		(Column 1)			ımn 2)	(Column 3	<u>)</u>					
Ø		CLAIMS REMAINING		NU	HEST MBER	PRESENT	I	DATE	ADDI- TIONAL		DATE	ADDI- TIONAL
Ē		AFTER AMENDMENT			OUSLY DFOR	EXTRA	IJL	RATE	FEE .	l ·	RATE	FEE
AMENDMENT	Total	16	Minus	**	20	=	41	X\$ 9=		OR	X\$18=	
AME	Independent	• 3	Minus.	***	<u>3</u>	= <u></u>	100	X42=		OR	X84=	: 7 <u></u> -
L	FIRST PRES	ENTATION OF A	IOTUP DE	ENUE	VI. CLAIM		4	+140=	77,	OR	+280=	
	If the entry in co	ılını 1 ks less than	the pritry in col.	imn 2, wi	ile.co°in ∝	tumq.3.		TOTAL		OR	ATOTAL	
1	*Hand Hones N	imber Previously umber Previously	Paid Fordin TH	IS SPACE	is less th	in 3 Heriter 3.	CONTRACT Y	DIT FEE	ger of states	. A.R	ADDIT FEE	Part 12 "
1	The Highest No.	mber Freyously P		(Indeper	ndeni) is th	e highest numi	51.2	然等 基		137	1	
FOR	M PTO-878F (Rev.	B/01) -452 - 5759	小型小型	Bis A	DU B GEO PO	1 412-14 50187	∂ P aten	t and Trade	mark Office, I	J.8.10	PARTMENT O	COMMERCE

Application or Docket Number

				09	19	· 6	57	4						
CLAIMS AS FILED - PART I (Column 1) (Column 2)								SMALL TYPE	ENTITY	0	R	OTHER SMALL		1
TO	OTAL CLAIMS	•						RATE	FE	E	1	RATE	FEE	-
FC	PR	-	NUMBER FILED NUMBER EXTRA					BASIC F	EE 370.	00 0	B	BASIC FEE		1
TC	TAL CHARGEA	BLE CLAIMS	1 (o min	(ninus 20= *				X\$ 9=			R	X\$18=		
INE	EPENDENT CL	AIMS	\mathcal{S} mi	nus 3 =	3= ' 5			X42=	†		R	X84≡	390.	+
ML	ILTIPLE DEPEN	DENT CLAIM P	RESENT					+140=	.		ı	6		
* If	the difference	in column 1 is	less than ze	ero, ente	r "0" in ç	plumn 2	TOTAL			R R	TOTAL	260:	1	
	C	LAIMS AS A	MENDED	- PAR	TII				· L	JŸ	••	OTHER	THAN	1
_	Martin vámaroma	(Column 1)	Name and the same of	(Colu		(Column 3)		SMAL	LENTIT	Y _0	R	SMALL]
ENT A		REMAINING AFTER AMENDMENT	21534	NUM PREVI	HEST IBER OUSLY FOR	PRESENT		RATE	ADE TION FEI	AL		RATE	ADDI- TIONAL FEE	
AMENDMENT	Total	. 16	Minus	# ô	Ø	=		X\$ 9=			R	X\$18=		
	Independent	NTATION OF M	Minus	***	8	=	3	X42=		\neg_{\circ}	R	X84=		
<u> </u>	TINOT FRESE	NIATION OF M	OLITE DE	ENDEN	1 CLAIM		1	+140=			R	+280=		
									AT .	o	R.	TOTAL ADDIT. FEE		1
_		(Column 1)				(Column 3)		addit. Fe	-	 ,	. '	, DOI 1. 1 CC		1
ENT B		CLAIMS REMAINING AFTER AMENDMENT	· · · · · · · · · · · · · · · · · · ·	NUN	HEST MBER OUSLY FOR	PRESENT EXTRA		RATE	ADD TION FEI	AL :		RATE	ADDI- TIONAL FEE	
MENDMENT	Total	· 16	Minus	** 2	O.	=		X\$ 9=		0	R	X\$18=		
AME	Independent	TATION OF M	Minus	ENDEN	B CLAIM	=		X42=		0	R	X84=		
L	I I I I I I I I I I I I I I I I I I I	NICHONOFIN	OLITE DE	ENDEN	CLAIN		3	+140=		o	R	+280=	·	1
			4 40 c	· 				TOTA ADDIT. FE		o	· I	TOTAL ADDIT, FEE		
_ (CPA.	(Column 1)		(Colu	mn 2)	(Column 3)			; .	-			·	1
ENTC		CLAIMS REMAINING AFTER AMENDMENT		NUM PREVI	HEST HBER HOUSLY FOR	PRESENT EXTRA		RATE	ADD TION FEI	AL	· .	RATE	ADDI- TIONAL FEE	1
AMENDMENT	Total	. 16	Minus	# 2	W)	= ``		X\$ 9=		o	R	X\$18=		1
AME	Independent	NTATION OF M	Minus ULTIPLE DE	PENDEN	3. T.CLAIM	= <u> </u>		X42=			R	X84=		
			A. 14	() ()				+140=	2	0	R	+280=		
20.	ff the 27 lighest No.	mn 1 is less than t mber Previously P imber Previously P	ati For Nith	SSPACE	is less the	in 20, enter (20	7245 1944	TOTA BUIT FE	E	ြ		ADDIT FEE	V. e.	
2	The Highest Num	nber Previously Pa	de da	vindepend	lent) is the	in 3 equer-3 highest numb		nd in the	Appropriat	100	~			

PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number